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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL REVIEW OF WORK PLAN RECEIVED 7 SEPTEMBER 2001  
FOR ZONE H ABOVE GROUND STORAGE TANK NS-14 (AST NS-14) AREA OF CONCERN  
659 (AOC 659) CNC CHARLESTON SC  
09/20/2001  
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



20 September 2001

2600 Bull Street  
Columbia, SC 29201-1708

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Commander  
NAVFACENGCOM Southern Division  
Attn: Code ES24 (Gabriel Magwood)  
P.O. Box 190010  
North Charleston, SC 29419-9010

RE: AST NS 14 (AOC 659 - Zone H)  
Site ID # 01311  
Work Plan received 7 September 2001  
Charleston County

Dear Mr. Magwood:

The Department has completed technical review of the referenced document. As submitted, the plan provides for additional investigative activities to determine the extent and severity of contamination associated with a release from the referenced AST. Based on the information provided, the proposal to perform soil and groundwater sampling is approved for implementation. Approval to install the groundwater monitoring wells is included with this correspondence.

The report should be submitted no later than 2 February 2002. Should you have any questions please contact me at 803-898-3553 (office phone), 803-898-3795 (fax) or by e-mail [bishopma@columb32.dhec.state.sc.us](mailto:bishopma@columb32.dhec.state.sc.us).

Sincerely,

Michael A. Bishop, Hydrogeologist  
Groundwater Quality Section  
Bureau of Water

Enc: Monitoring well approval

cc: Trident District EQC (w/enc)  
Paul Bergstrand - BLWM (n/enc)  
Brian Crawford, 1849 Ave F, N Charleston, SC 29405 (w/enc)  
Technical File (w/enc)



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Date of Issue: 09/20/2001  
Approval No: 1237

### Monitoring Well Installation Approval

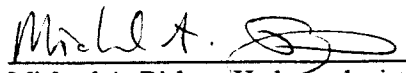
Approval is hereby granted to: Department of the Navy - CNB  
Site ID#: 01311 (NS 14)  
County: Charleston

This approval is for the construction of monitoring/recovery wells designated in accordance with the construction plans and technical specifications submitted to the Department in the correspondence dated December 2000 and South Carolina Well Standards and Regulations R. 61-71. The well(s) are to be constructed within the surficial aquifer for the intended purpose of monitoring groundwater quality and/or free product recovery at the referenced facility. Approval is provided with the following conditions:

1. The surveyed elevations, boring and/or geologist logs and actual (as built) construction details for each well be submitted to the Department with the completed report.
2. Well construction and sampling derived waste including, but not necessarily limited to, drill cuttings, drilling fluids, development and purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regard to contents, source, and date of activity.
3. A minimum of forty-eight (48) hours prior to initiation of drilling activities, please provide notice to the project manager, Michael A. Bishop at (803) 898-3553 or e-mail [bishopma@columb32.dhec.state.sc.us](mailto:bishopma@columb32.dhec.state.sc.us).
4. Please provide groundwater quality analytical data (chemical analyses and/or water level(s)) and associated measurements (i.e., *in-situ* field measurements) with the completed assessment report.
5. All wells shall be installed by a well driller certified by the State of South Carolina.
6. Each well shall be labeled with an identification plate constructed of a durable material affixed to the casing or surface pad where it is readily visible. The plate shall provide monitoring well I.D.#, date of construction, static water level, and driller name and state certification number.
7. Wells shall be abandoned per R.61-71.10.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and the Department of Health and Environmental Control Regulations R.61-71.

Approved by:

  
Michael A. Bishop, Hydrogeologist  
Groundwater Quality Section  
Bureau of Water